

IN THE SPECIFICATION:

Please amend the specification as follows:

Paragraph beginning on page 6, at prenumbered line 35, has been amended as follows:

Please refer to FIG. 11, which shows another different embodiment of the present invention. As seen in FIG. 11, a cold plate with vortex generator 10 of the present invention can also comprises: a body 11 having an inlet ~~444~~, 115, and outlet ~~442~~ 116 and a curved tunnel ~~444~~ 112 for flowing fluid, a first end ~~444~~ of the tunnel ~~444~~ 112 is connected to the inlet ~~444~~ 115 and a second end ~~444~~ of the tunnel ~~444~~ 112 is connected to the outlet ~~442~~, 116; and at least one vortex generator mounted on a surface of the tunnel ~~444~~, 112. In this embodiment, two unparallel and symmetrical ribs can form the vortex generator, one end of the unparallel ribs is a contraction end with a shorter gap and another end is an expansion end with a longer gap, coolant can pass through the gap between the ribs, and due to each rib having a sharp portion, the appearance of the rib is in a triangle figure. Different shapes of triangle can be formed depending on different locations of the sharp portion. For example, the sharp portion can be on a central of the rib to make the rib an isosceles triangle or a on a side of the rib to make the rib a right triangle wherein the sharp portion is on the contraction end of the ribs or on the expansion end of the ribs. In addition, the sharp portion of the rib can be located either at the contraction end or at the expansion end. The inlet ~~444~~ 115 and the outlet ~~442~~ 116 are set up on the body 11, and the inlet ~~444~~ 115 is connected externally to an input tube 15 for inputting coolant fluid, and the outlet ~~442~~ 116 is connected externally to an output tube 16 for outputting coolant fluid. In this embodiment, the cold plate comprises two sets fo vortex generator, each vortex generator is formed by two unparallel and symmetrical ribs, and the expansion ends of the two sets of vortex generator are arranged in a opposite and corresponding manner.